

*Replaced  
by Amendment*

## ABSTRACT

A purification method of a metal salt which comprises bringing a metal salt formed by melting an alkali metal salt, an alkaline earth metal salt or a mixture thereof into contact with titanium or the like, thereby adsorbing impurities in the metal salt, a deoxidization method by melting metallic calcium into a molten product of the metal salt purified by the purification method and bringing the same into contact with a titanium material, and a production method of the titanium material which comprises conducting molten salt electrolysis by using the molten product of the metal salt purified by the purification method for an electrolytic bath. According to the purification method or the production method, a molten metal salt comprising an alkali metal salt, an alkaline earth metal salt or a mixture thereof can be purified simply and conveniently at good efficiency. Then, use of the metal salt purified by the purification method can minimize contamination caused by the metal impurities in the molten salt and the titanium material of high quality can be produced. This is applicable generally as a production method of titanium of high impurity optimal for use in electronic parts.